

**ASSEMBLY OF ICS WITH BLOCKING CAPACITORS AND PRINTED
CIRCUIT BOARDS**

ABSTRACT

5 A method and arrangement for the advantageous assembly of
blocking capacitors for an integrated circuit. An
integrated circuit includes a BGA housing having a
plurality of preferably ball-shaped connector pins. A
printed circuit board is also provided, having conductor
10 paths to which the housing of the integrated circuit is
electrically and mechanically contacted by means of the
connector pins. At least one blocking capacitor is
spatially arranged between two connector pins of the
housing and also between the printed circuit board and
15 housing of the integrated circuit.